Liverpool John Moores University

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Title:	INFORMATION ARCHITECTURE
Status:	Definitive
Code:	**7012BUSIS** (101751)
Version Start Date:	01-08-2013

Owning School/Faculty: Liverpool Business School
Teaching School/Faculty: Liverpool Business School

Team	emplid	Leader
Francis Muir		Y
Cath Bonser		

Academic Level:	FHEQ7	**Credit Value:**	15.00	**Total Delivered Hours:**	30.00
Total Learning Hours:	150	**Private Study:**	120		

Delivery Options
Course typically offered: Semester 2

Component	Contact Hours
Workshop	30.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Report and worked examples of controlled vocabularies, metadata and XML in practice	100.0	

Aims

To enable students to create, maintain and apply metadata and controlled vocabularies in a complex range of electronic information management scenarios.

Learning Outcomes

After completing the module the student should be able to:

1. Create, analyse and maintain thesauri, taxonomies and other controlled vocabularies
2. Develop and maintain complex thesauri, taxonomies and other controlled vocabularies using a relevant software package
3. Index a complex range of objects using thesauri, taxonomies and other controlled vocabularies
4. Develop XML and RDF and critically appraise their value
5. Catalogue a range of non-bibliographic objects using meta data standards
6. Assess the role of controlled vocabularies and metadata in a range of information retrieval scenarios

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

CW   1   2   3   4   5   6

Outline Syllabus

Principles of information organisation in different environments
Thesaurus construction and management
Taxonomy construction and management
Comparison of Thesauri and Taxonomies
Ontologies
Metadata standards
Developing and applying meta data
XML and the semantic web
Information retrieval
Search technologies and software

Learning Activities

The module will run as a series of full day workshops allowing for the flexible delivery of the taught elements and experiential learning into structured exercises. This allows the student to develop their conceptual and practical understanding of this key area of professional practice.

References

Course Material	Book
Author	Aitchison, J et al.
Publishing Year	2000
Title	Thesaurus construction and use: a practical manual
Subtitle	

Edition	4th
Publisher	ASLIB
ISBN	

Course Material	Book
Author	Haynes, D
Publishing Year	2004
Title	Metadata for information management and retrieval
Subtitle	
Edition	
Publisher	Facet
ISBN	

Notes

The purpose of this module is enable students to learn how to construct information architectures in a wide range of scenarios using traditional and software based techniques